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Wrapping paper micro-creping unit - has hard heated roll with edges of greater diameter than centre part

Patent Assignee: MARIINSK PAPER PULP (MARI-R)

Inventor: KUZNETSOV E A; NOVIKOV V I; RYABKOV A V

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Patent Family:

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SU 797911	B	19810123				198142 B

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Patent Details:

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SU 797911	B	2		

Abstract (Basic): SU 797911 B

The physico-mechanical properties of creped paper for wrapping are improved by eliminating wrinkling of the web when entering the nip of microcreping rolls. This is ensured by the larger diameter of the heated roll at the edges compared with the roll centre. The size difference depends on the hardness and thickness of the elastic coat of the roll, ratio of speeds of the two rolls and their contact pressure.

The heated roll (1) is hard and smooth while roll (2) has an elastic layer 25-30mm thick and exhibiting a hardness of 40-45 on Shore scale. Its speed is slightly less than that of roll (1). Bul.3/23.1.81. (2pp Dwg.No.1)

Derwent Class: F09; P72

International Patent Class (Additional): B31F-001/12